

Linear Specification

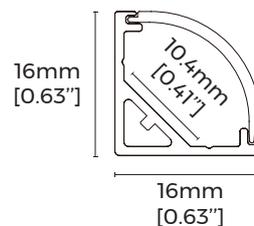
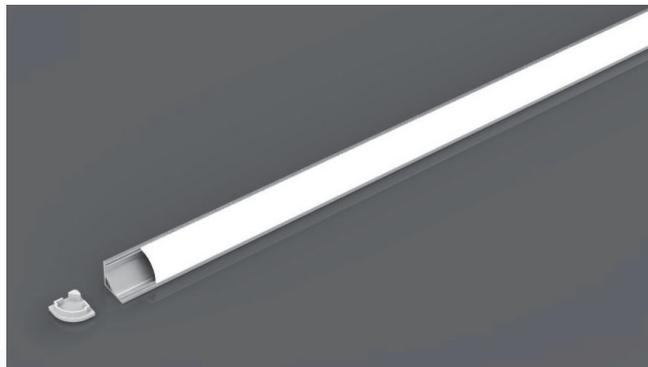
LG1616C(N)

— ALS series



【Basic Parameters】

- Material: AL6063-T5,spraying surface/anodizing
- Coating: Silver anodized,Black,White
- Length: 2500mm[98.43"]/0-2500mm[0"-98.43"] customizable(Other lengths on request)
- Application: Indoor
- Installation: Ceiling
- IP grade: IP20
- Certification: ROHS、 Reach
- Warranty: 5 years



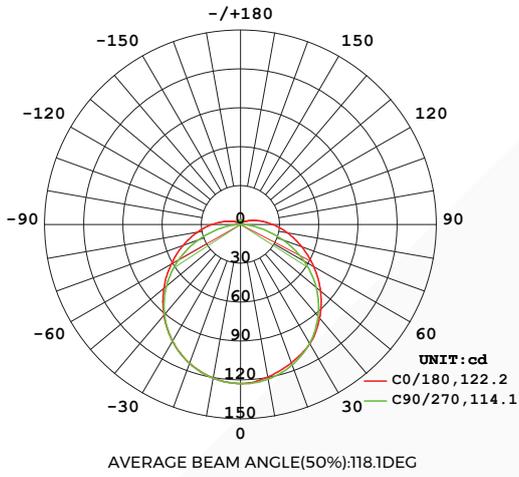
【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A/m)	Type Power (W/m)	Max. Power (W/m)	CRI	CCT	Lumen (LM/m)
Normal	LG1616C(N)	1000mm (3.28ft)	24	0.28 (0.08A/ft)	6.6 (2.01W/ft)	7.3 (2.21W/ft)	>90	2700K	388 (188LM/ft)
								3000K	398 (121LM/ft)
								4000K	419 (128LM/ft)
								6000K	419 (128LM/ft)

Note:

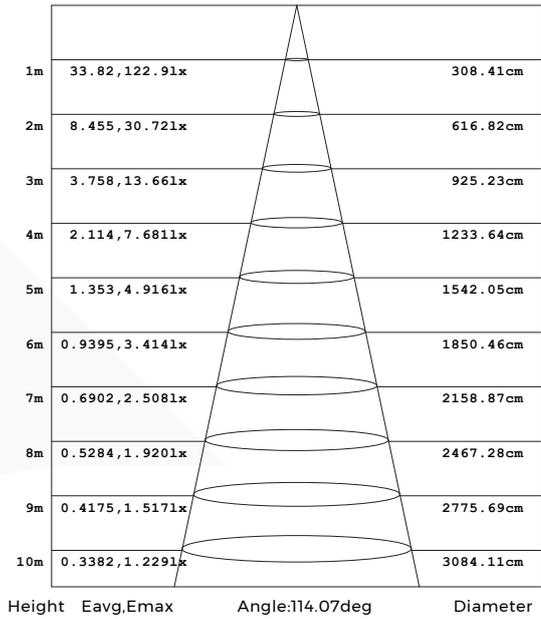
1. The above parameters were tested based on 1M[3.28'] standard product and D6140-24V-8mm,Ra90,4000K light source;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



Luminous intensity distribution diagram

Flux out: 272.1 lm

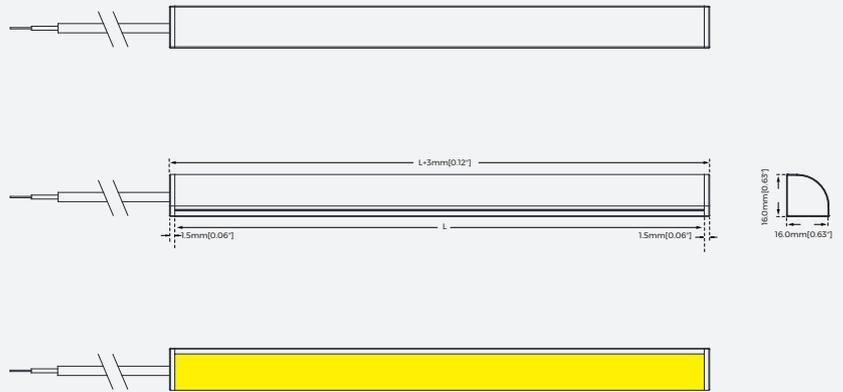
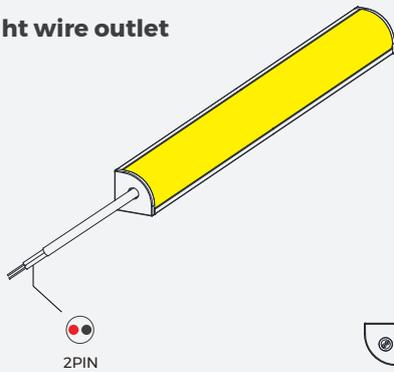


Note: The Curves indicate the illuminated area and the average, illumination when the luminaire is at different distance.

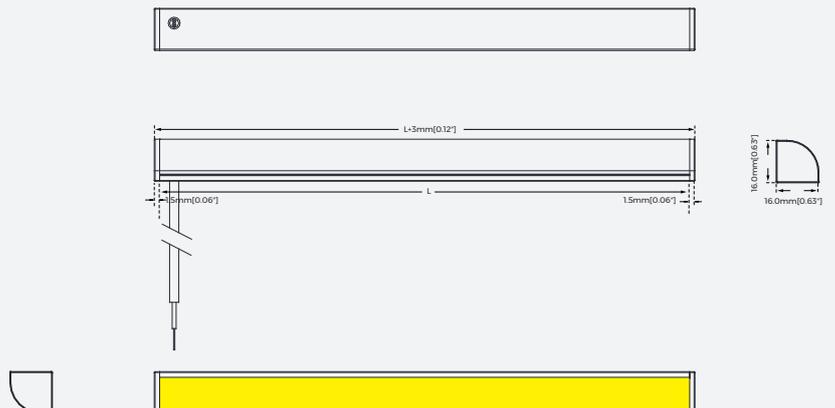
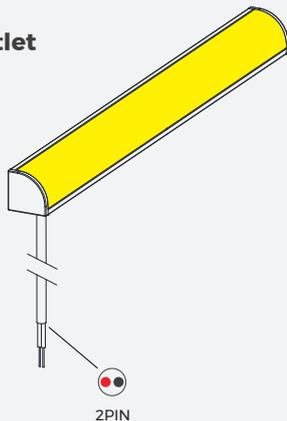
AAI Figure

[Product mechanical data]

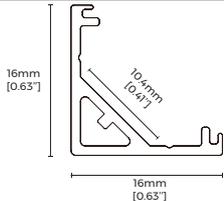
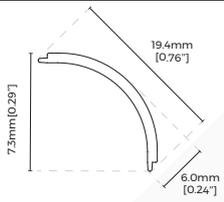
• Straight wire outlet



• Bottom wire outlet



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Profile	Material: AL6063-T5 Surface processing: Anodizing/spraying Size: L2500*W16.0*H16.0mm [Inch size: L98.43"*W0.63"*H0.63"]	/	/
		Diffuser	Material: PC Light transmittance: >70% Size: L2500*W19.4*H6.0mm [Inch size: L98.43"*W0.76"*H0.24"] PC feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C	/	/
	/	End caps	Material: PC Size: L16.0*W16.0*H6.5mm [Inch size: L0.63"*W0.63"*H0.26"] Others: Holeless end caps/ End cap with hole optional	EC-LG1616C(N)	/
	/	Embedded clip	Material: SUS 304 Size: L17.0*W17.0*H15.0mm [Inch size: L0.67"*W0.67"*H0.59"]	CP-13	/
		Flexible Strip	Material: FPC CCT: 2700/3000/4000/6000K CRI>90; Voltage: 24V; Power: 6.6W/M [2.0W/ft]; Lumen: 710LM/M [216LM/ft]; Width: 8mm [0.31"]; Minimum cutting unit: 50mm [1.97"];	D6140-24V-8mm	/

[Packing]

Model	Modes of packing	Quantity /box	Quantity /carton	NW /carton/(kg)	Carton (kg)	GW /carton/(kg)	Size (mm/carton)
ALS-LG1616CDXSS2500(N)-BC	Bulk Packaging	/	40	15.20	0.99	16.19	2550*128*80 [100.4"*5.0"*3.1"]
ALS-LG1616CDXSS2500(N)-DC	Single-Unit Inner Box Packaging	1	/	/	/	/	/

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m[0.01"/ft], please confirm before processing and use